

| | Public and CERCA Institutions (€) |
|--|-----------------------------------|
| Service | |
| Additional sequence data past first 0.75kbp-including sequence primer synthesis and design (for services | 40,94 |
| Additional Cloning Costs-sequencing each additional 750 base pairs (after initial 750 base pairs) | 42,00 |
| Additional Serum-Free Mammalian (HEK293-6E) Expression culture (includes plasmid maxiprep) for Services 16-19-price per litre of culture | 730,80 |
| Amplification of recombinant baculovirus in Sf9 cells, P1 to P2 /P2 through to P3 (total volume P3 normally 50ml or sufficient for >7l infection MOI of 1, ca. 3.5l at MOI of 5 or 1.75l at MOI of 10) | 126,00 |
| Chemically Competent Bacteriophage resistant B834(DE3) cells (50µl aliquot) | NA |
| Chemically Competent Bacteriophage resistant Rosetta(DE3) cells (50µl aliquot) | NA |
| Chemically competent Omnimax 2 Ultracompetent E.coli cells (50µl aliquot) >2.5x10 ⁹ | NA |
| Cleavage of Tag from Fusion Proteins <10mg (SUMO, TEV or 3C proteases). Please note additional IMAC or SEC purifications are recommended.' to make the change clearer | 144,17 |
| E.coli Expression and Purification of Strep-Tagged Proteins at Scale. | 796,53 |
| E.coli Expression and Purification of His Tagged Proteins at Scale. | 831,60 |
| E.coli Expression and Purification of Strep-Tagged Proteins at Scale. | 932,40 |
| E.coli Expression screening GST/His/Strep-Tagged Proteins in E.coli. Price per experimental setup*** | 177,16 |
| E.coli Expression screening GST/His/Strep-Tagged Proteins in E.coli. Price per construct*** | 50,40 |
| Expression screening of His/Strep-Tagged intracellular proteins in serum-free HEK cells. 3 time points. Labour and Setup Costs***** | 274,50 |
| Expression screening of His/Strep-Tagged intracellular proteins in serum-free HEK cells. 3 time points. Per Clone/Construct consumables | 62,53 |
| Expression screening of His/Strep-Tagged intracellular proteins in Sf9 cells using P3 at 3 different MOIs and 3 time points. Labour and Setup Costs***** | 316,74 |
| Expression screening of His/Strep-Tagged intracellular proteins in Sf9 cells using P3 at 3 different MOIs and 3 time points. Per Clone/Construct consumables | 62,53 |
| Gene Cloning into custom (user derived) Vectors * | 504,00 |
| Gene Cloning into pOPIN, pPEU or pGBU Expression Vectors (including pOPINand pPEU 'TT' variants) * | 302,40 |

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| Gene Cloning into pOPIN, pPEU or pGBU Expression Vectors (including pOPIN and pPEU 'TT' variants) if PCR product requires gel purification* | 306,00 |
| Production of GoldenBac co-expression transfer plasmids from existing pGBU pconstructs | 302,40 |
| Generation of P1 recombinant baculovirus by co-transfection of pOPIN/pPEU/pGB vectors and linearised bacmid in 6-well plates. Total volume P1=1,0ml.**** | 248,78 |
| Generation of P1 recombinant baculovirus from legacy pFastBac vectors. Includes transformation into DH10Bac strain, bacmid preparation and transfection in 6-well plates. Total volume P1=2ml. | 302,40 |
| Production of point mutations in user-derived plasmids (Quickchange protocol)* | 238,30 |
| Production of multiple point mutations in user-derived plasmids (Gene synthesis protocol) ** | 238,30 |
| Recombinant His-Tagged 3C (PreScission) Protease aliquot (normally 50µl aliquots of approx. 1mg/ml) - sufficient to digest approx. 2.5mg of fusion protein. | NA |
| Recombinant His-Tagged SUMO Protease aliquot (normally 50µl aliquots of approx. 1mg/ml) -sufficient to digest approx. 2.5mg of fusion protein. | NA |
| Recombinant His-Tagged TEV Protease aliquot (normally 50µl aliquots of approx. 1mg/ml) -sufficient to digest approx. 2.5mg of fusion protein. | NA |
| Serum-Free Mammalian (HEK293-6E) Expression and Purification of Intracellular His-Tagged Proteins at Scale(/litre) | 2.100,00 |
| Serum-Free Mammalian (HEK293-6E) Expression and Purification of Intracellular Strep-Tagged Proteins at Scale (1X1litre shaken flask, including plasmid prep, buffers and 1ml StrepTrap affinity column and gel filtration in buffer of choice and SDS-PAGE). | 2.520,00 |
| Serum-Free Mammalian (HEK293-6E) Expression and Purification of Secreted His-Tagged Proteins at Scale (1X1litre shaken flask, including plasmid preparation, buffers and 5ml EXCEL IMAC affinity column and gel filtration in buffer of choice and SDS-PAGE). | 2.604,00 |
| Recombinant hNoggin (expressed in HEK cells-per mg purified protein) | N/A |
| Recombinant hR-Spol (expressed in HEK cells-per mg purified protein) | N/A |
| Cell disruptor 100/100 total cost =€2.94+ (no. of strokes*cost/stroke), 25/100 total cost=(2.94/4)+(no. of strokes*cost/stroke) | 1,10 |



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| Expression screening of His/Strep-Tagged secreted proteins in serum-free HEK cells. Labour and Setup Costs***** | 274,50 |
| Expression screening of His/Strep-Tagged secreted proteins in serum-free HEK cells. Per Clone/Construct consumables | 62,53 |
| Serum-Free Mammalian (HEK293-6E) Expression without protein purification (includes plasmid maxiprep from glycerol or plate, deliverable is cell pellet or media) per litre of culture | 663,55 |
| Additional 2l E.coli PB/IPTG cultures for E.coli Expression and Purification services | 62,62 |
| Additional 2l E.coli AI/IPTG cultures for E.coli Expression and Purification services | 81,32 |
| Additional SEC purification for services E.coli Expression and Purification services | 156,29 |
| Additional buffer exchange/desalt for services E.coli Expression and Purification services | 137,34 |

Other services under budget request.